

AMENDMENT TO ABSTRACT

Please replace Abstract with:

“The present invention relates to an electric radiating pipe capable of enhancing a heating efficiency in such a manner that a mixture of a porous operation medium and a volatile operation fluid is filled in a radiation pipe, and a porous operation medium is fast heated based on a viscosity difference, and a densely filled operation fluid is phase-changed to a high temperature vapor or a high temperature liquid based on a heated operation medium. In a radiating pipe that includes a certain shaped pipe body, and a heat wire passing through to the interior of the pipe body wherein both ends of the pipe body are sealed by a plugging cap, there is provided an electric radiating pipe that includes a porous ~~non-flammable~~ flammable operation medium and volatile operation fluid being mixed and being filled into the interior of the pipe body.”